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July 9, 2004

To: U.S. Patent and Trademark Office ATTN: Examiner Nelson C. YANG Group Art Unit 1641

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Date: JULY 9, 2004

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Docket No. 59003.US/6760.1

Application No. 10/086,805

Filing Date: 03-02-2002

Applicant(s): Valeri V. GOLOVLEV

Applicant(s). Valen V. OOLOVI

Title: METHOD AND MICROELECTRONIC DEVICE FOR

MULTI-SITE MOLECULE DETECTION

Enclosures:

- Petition for Extension of Time(1 page in duplicate)
- 2. Amendment Transmittal Letter (1 page in duplicate)
- Amendment A in response to the Office Action of March 11, 2004, (6 pages)

Certificate of Facsimile Transmission (on attached documents)

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Docketing

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Robert O. Fox, Reg. No. 34,165

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Date: JULY 9, 2004

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JUL 0 9 2004



PATENT Docket No. 59003.US/6760.1

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:

GOLOVLEV, Valeri V.

Application No.:

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03-02-2002

For:

METHOD AND MICROELECTRONIC DEVICE FOR

MULTI-SITE MOLECULE DETECTION

Examiner:

YANG, Nelson C.

Group Art Unit:

1641

AMENDMENT A

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

In response to the Office Action mailed March 11, 2004, please amend the above-identified application as follows:

Amendments to the Claims are reflected in the listing of claims which begins on page 2 of this paper.

Remarks/Arguments begin on page 5 of this paper.